

Main Applications

- ◆ H16[A]/B66[A]: For Single-hopper-weighing & Single-bag-weighing Ration Packing Scale.
- ◆ H16[D]/B66[D]: For Loss-in-weight Ration Packing Scale.
- ◆ H16[F]/B66[F]: For Liquid Ration Fillingweigher.

Main Features

- ◆ EMC design with high anti-jamming capability, suitable for industrial environment.
- ◆ 24-bit $\Sigma-\Delta$ ADC with internal resolution 1/1,000,000 and sampling frequency 400Hz.
- ◆ Special anti-vibration digital filtering algorithm for ensuring the weighing stability and accuracy when there is strong vibration on the load receptor, and the rapid response capability when the weight signal changes.
- ◆ Optional 'Fast/Medium/Slow Feeding/Filling' DOs or AO for feeding/filling control. Optional 'Slow Feeding/Filling Modes: Continuous Mode and Inching Mode.
- ◆ Optional functions: 'Fall Value Auto Correction', 'Auto Pause while Deviation Alarming' and 'Target Batch & Target Totalized Weight Control'.



BST106-H16



BST106-B66

H16 Technical Specifications

- ◆ Power Supply 1: DC24V $\pm$ 20%, Max. 10W.
- ◆ Power Supply 2: AC85~264V, 50/60Hz, Max. 10W.
- ◆ 32-bit ARM CPU with 72MHz clock & higher arithmetic speed.
- ◆ 6+10 Green VFD digital tubes for English character and digit display.
- ◆ Excitation Voltage / Max. Current: DC10V/250mA [8 350 Ω -loadcells].
- ◆ Weighing Signal Input Range: 0~25mV.
- ◆ 1 Optional&Definable Analog Signal Output [AO: 4~20mA, 0.05%FS].
- ◆ 7 Normally open switch inputs [DI] and 12 normally open transistor switch outputs [DO: DC24V, 500mA].
- ◆ COM1: RS232; COM2: Optional RS232/RS485/RS422/Profibus-DP/Ethernet; For connecting Host IPC/PLC[Modbus], LED Remote Display, Serial Printer and Wireless Module.
- ◆ 10 Setpoint Forms for packing/filling control.
- ◆ Outline Size [W×H×D]: 164 × 82 × 188 mm.
- ◆ Panel Cut-out Size [W×H]: 153 × 77 mm.
- ◆ Operating Temperature: -25℃~+40℃.
- ◆ Protection Level of Front Panel: IP65.
- ◆ Accuracy Grade: III.
- ◆ Verification Accuracy: 0.02%.
- ◆ Packing/Filling Accuracy: 0.2%~0.5%.

B66 Technical Specifications

- ◆ Power Supply: DC24V $\pm$ 20%, Max. 5W.
- ◆ 32-bit ARM CPU with 48MHz clock and higher arithmetic speed.
- ◆ 6+8 Red LED digital tubes for English character and digit display.
- ◆ Excitation Voltage / Max. Current: DC9V/120mA [4 350 Ω -loadcells].
- ◆ Weighing Signal Input Range: 0~22.5mV.
- ◆ 1 Optional&Definable Analog Signal Output [AO: 4~20mA, 0.05%FS].
- ◆ 6 Normally open switch inputs [DI] and 8 normally open transistor switch outputs [DO: DC24V, 250mA].
- ◆ Optional RS232 or RS485 communication port for connecting Host IPC/PLC[Modbus] and LED Remote Display.
- ◆ 1 Setpoint Form for packing/filling control.
- ◆ Outline Size [W×H×D]: 110 × 62 × 150 mm.
- ◆ Panel Cut-out Size [W×H]: 94 × 47 mm.
- ◆ Operating Temperature: -25℃~+40℃.
- ◆ Protection Level of Front Panel: IP65.
- ◆ Accuracy Grade: III.
- ◆ Verification Accuracy: 0.03%.
- ◆ Packing/Filling Accuracy: 0.2%~0.5%.

Typical Applications

Multiple Working Modes Good Anti-Vibration Performance



Single-hopper-weighing Packing Scale



Loss-in-weight Packing Scale



Liquid Fillingweigher